

Although not required by MQSA, dedicated stereotactic breast biopsy systems are routinely tested by medical physicists to satisfy state or American College of Radiology (ACR) accreditation requirements. The eleven tests listed in the ACR-SBB QC manual are discussed, with an emphasis on digital receptor uniformity and localization accuracy, which are unique to this modality.

MQSA does require annual medical physicist surveys on screen-film mammogram equipment. The ten tests required by MQSA and one additional test recommended by ACR are discussed. QC tests that fail require corrective action within a specified timeframe. Additional testing is required when equipment is replaced or repaired. A list of the corrective actions and specific repairs requiring testing will be presented.

Educational Objectives:

1. Understand the 11 Medical Physicist QC tests for Dedicated Stereotactic Breast Biopsy systems
2. Understand the 11 Medical Physicist QC tests for Screen-Film Mammography Systems
3. Discuss the corrective action requirements for QC test failures
4. Discover the specific circumstances requiring additional equipment testing by the medical physicist